

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050168430".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/27 12:24
S1	3406	345/208-210.CCLS. OR 345/53.CCLS. OR 345/94-97.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:20
S2	2	(cmos WITH ((breakdown) NEAR3 voltage)) AND S1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:22
S3	2	(cmos NEAR5 limit\$3) AND S1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:23
S4	87	((common ADJ2 (voltage OR signal)) NEAR5 waveform) AND S1	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 10:23
S5	9072	(cmos OR semiconductor OR semi-conductor) WITH ("350" OR "180")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 11:15
S6	198	"345"/\$.CCLS. AND S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 11:16
S7	1	"20050168430".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:52
S8	790	(cmos OR semiconductor OR semi-conductor) WITH ("350" OR "180") ADJ1 "nm"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 11:15
S9	7	"345"/\$.CCLS. AND S8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 12:52
S10	1	"6064358".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:18
S11	0	(common ADJ1 voltage ADJ1 (driver OR circuit)) NEAR3 locat\$5 NEAR3 substrate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:18
S12	2	(common ADJ1 voltage ADJ1 (driver OR circuit)) NEAR3 substrate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:20
S13	9	(common ADJ1 (driver OR circuit)) NEAR5 substrate NEAR5 (locat\$5 OR includ\$5 OR implement\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:21
S14	161	(common ADJ1 (driver OR circuit)) NEAR5 substrate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:21

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S15	12	S14 AND "345"/\$.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:30
S16	1	"5200847".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:31
S17	148	(timing ADJ1 (controller OR circuit\$2)) NEAR5 substrate	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:31
S18	2	lcd.AB, AND S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:32
S19	28	"345"/\$.CCLS. AND S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:32
S20	1364	(common ADJ2 (driver OR circuit\$5)) NEAR5 (convert\$5 OR amplif\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:53
S21	25	((common ADJ2 (driver OR circuit\$5)) NEAR5 (convert\$5 OR amplif\$5)) WITH pixel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:53
S22	6	"345"/\$.CCLS. AND S21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:56
S23	11	((chang\$5 OR var\$5) NEAR3 phase) NEAR7 (pixel AND common)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:02
S24	1	"345"/\$.CCLS. AND S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:57
S25	64	"345"/\$.CCLS. AND S20	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:57
S26	2	"345"/\$.CCLS. AND S23	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 13:58
S27	366	("-1.0" OR "1.8") WITH pixel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:03
S28	273	("-1.0" OR "2.8") WITH pixel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:05
S29	34	S28 AND "345"/\$.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:03

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S30	1	("-1.0" AND "2.8") WITH pixel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:05
S31	2846	("-1.0" AND "2.8")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:07
S32	9	"345"/\$.CCLS. AND S31	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:06
S33	136	S31 AND ((liquid ADJ1 crystal) OR lcd)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:07
S34	25	("-1.0" AND "2.8") SAME (pixel OR electrode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:07
S35	2	S34 AND ((liquid ADJ1 crystal) OR lcd)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:26
S36	5394	((common OR oppos\$5) ADJ2 electrode) WITH (chang\$5 OR convert\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:27
S37	1158	S36 AND "345"/\$.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:27
S38	1714	((common OR oppos\$5) ADJ2 (driver OR circuit\$5)) WITH (chang\$5 OR convert\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:29
S39	138	S38 AND "345"/\$.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:29
S40	3451	((common OR oppos\$5) ADJ2 (driver OR circuit\$5)) WITH (chang\$5 OR convert\$5 OR amplif\$7)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:29
S41	178	S40 AND "345"/\$.CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:29
S42	10	((common OR oppos\$5) ADJ2 (driver OR circuit\$5)) NEAR5 (chang\$5 OR convert\$5 OR amplif\$7) NEAR5 pixel	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:31
S43	1	"6493867".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:31
S44	1	"6537738".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:32

## EAST Search History

S45	1	"20020054266".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:32
S46	1	"20020163859".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:33
S47	1	"20030103024".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 14:35
S48	1	"6995741".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 16:16
S49	1	"6677925".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 16:20
S50	1	"6995741".PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/27 08:49
S51	220	beck and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/27 12:24